

CAPACITIVE SENSING DEVICE FOR
USE IN A KEYPAD ASSEMBLY

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ABSTRACT

10 One embodiment in accordance with the present invention includes a
capacitive sensing device for use in a keypad assembly of an electronic system. The
capacitive sensing device includes a substantially transparent single sheet capacitive
sensor. The substantially transparent single sheet capacitive sensor is configured to
be disposed within the keypad assembly without requiring the formation of key post
15 holes therethrough. Additionally, the substantially transparent single sheet capacitive
sensor has a flexibility which enables desired tactile response during use of keys of
the keypad assembly.